

SELECT THE RIGHT CONTROL FOR THE JOB

Commander Pro Variable Frequency Drives with Z Control® Capabilities

Commander Pro Series	Commander Pro 15 Series	Commander Pro 20 Series	Commander Pro 30 Series	Commander Pro 50 Series
Model Number	TVS15	TVS20	TVS30	TVS50
Horsepower	.5 – 1.5 HP	Up to 2 HP	Up to 3 HP	Up to 5 HP
Input Voltage	200 – 250 V Single Phase			
Input Frequency	60/50 Hz			
Input Amps (RMS)	11 Amps	19 Amps	23 Amps	35 Amps
Input Power (Idle)	35 Watts	65 Watts	65 Watts	70 Watts
Output Phase	2-wire single phase: 1/2 HP & 3/4 HP <i>(coming soon)</i> 3-wire single phase: 1/2 HP – 2 HP Three phase: up to 5 HP			
Output Frequency	Variable (30 – 80 Hz) all units			
Pressure	25 – 80 PSI (preset to 50 PSI) all units			
Ambient Temp. Range	-20° C (-4° F) to 50° C (122° F)			
Accessories				
Part Number	Description			
024600	Z Control Gateway – Allows for wireless connectivity & real-time alerts			
024532	Pest Control Kit to keep insects and pests from nesting in drive			

Complete kits available for easy inventory and installation.

Commander Pro VFDs allow you to:

- Stock 1 drive for both 2-wire and 3-wire installations
- Operate either single phase or three phase 230V motors
- Connect to non-F&W products with ease

And with the new TVS50, you can now: **offer VFDs with your pumps up to 5 HP.**



Trust runs deep™

800-345-9422
FlintandWalling.com

95 North Oak Street • Kendallville, IN 46755



WELL, CONTROLLED.

Commander Pro Variable Frequency Drives with Z Control® Capabilities



Trust runs deep™



PRECISE, CONSTANT-PRESSURE WELL-PUMP CONTROL AND MONITORING.

The Commander Pro series by Flint & Walling simplifies Variable Frequency Drives and provides consistent water pressure regardless of demand. Unlike most drives, the Commander Pro is easy to install, set up and maintain. When combined with Z Control[®], contractors can monitor, access and even control the drive via the app or website from anywhere in the world. That means you can remotely monitor performance, diagnose problems before your customers are even aware of them and fix non-critical issues without ever leaving the office. All from Flint & Walling, a family-owned American manufacturer of premium pumps, motors and controls.



■ Easy to install and set up

CONTRACTOR BENEFITS

Commander Pro VFDs with Z Control[®] allow contractors to better serve their customers with features like remote monitoring and built-in diagnostics.

- Remote monitoring and notification with Z Control[®] promotes customer loyalty
 - Monitor performance
 - Early diagnosis
 - Timely resolution
- Ease of installation/set-up
 - Simple menu & push-button operation
- Built-in diagnostics
- Automatic pump and motor protection

CONSUMER BENEFITS

Delivering reliable water pressure exactly when consumers need it, Commander Pro VFDs with Z Control[®] provide confidence and peace of mind.

- Consistent water pressure
- Energy savings of an on-demand system with lower cost
- Higher overall appliance and equipment performance
- Speed of contractor notification and support with optional Z Control[®] addition
 - Sends you and your contractor email or text notifications

Now you can get a premium quality, high-performance VFD and controller system, exclusively manufactured by Flint & Walling.

Flint & Walling delivers a complete selection of products with the performance, reliability and support you need and trust.

- American ingenuity and know-how
- Personal product support
- Flint & Walling quality and reliability you can trust
- Integrates perfectly with proven Flint & Walling pumps

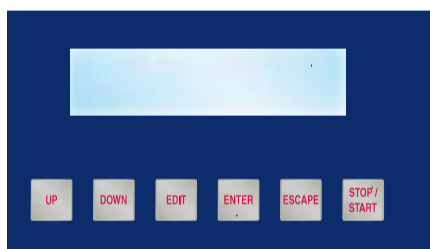
A legacy of high-quality, American-made products where trust flows through everything we do.

TRUSTED WELL PERFORMANCE ON DEMAND.



DEEP SPECTRUM[®] TESTING

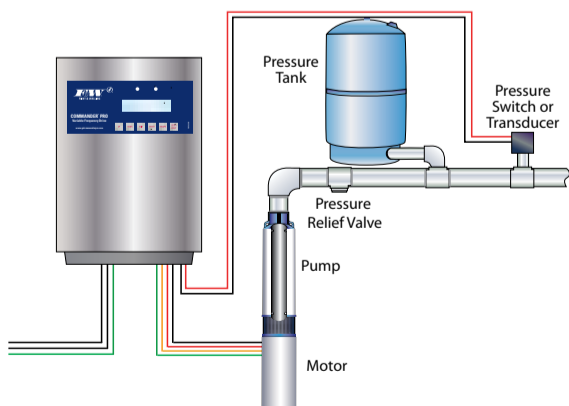
- Flint & Walling products are tested multiple times during, and after, manufacturing to deliver trusted quality and dependability



■ LED display screen and push-button controls—easy to see and operate

COMMANDER PRO VFD

- Rugged for all weather conditions—NEMA 3R Certified



- Adjusts to desired pressure from 25 to 80 PSI and includes pressure sensor switch or transducer—customized to unique demands



Z CONTROL[®]

- Z Control[®] Module with mobile app—remote monitoring and control on demand



PROTECTION & DIAGNOSTICS

Optimum pump life and peace of mind.

- Surge protection
- Underload—low-water conditions
- Under voltage
- Short circuit
- Overheat protection/auto compensation feature
- Locked pump/auto reverse feature
- Water sensor (moisture detection) capability
- Alarm-in and alarm-out terminals
- Pest kit available (part # 024532)

Z CONTROL[®] MODULE (optional)

- Rugged, durable casing—durability and system stability
- Designed to integrate with Flint & Walling VFD system for ease of installation and set-up
- Instant contractor notification of system faults—increases customer loyalty
- Remote diagnostics and programmability—lower cost of service for the contractor and increased value to the customer